Dissolved oxygen (D.O.) by Membrane Electrode Method
SM 18th , 19th and 20th 4500-O G **Page 1 of 1**

Facility Name:_____VELAP ID_____

Assessor Name:_____Analyst Name:_____Inspection Date_____

Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Records Examined: SOP Number/ Revision/ Date _____ Analyst:_____ Sample ID: _____ Date of Sample Preparation:_____ Date of Analysis:_____					
If samples are collected from a line under pressure, does the sampler avoid turbulence, formation of bubbles, allow the bottle to overflow two or three times its volume, and stopper it so that no air bubbles are entrained?	4500-O G.1.c, 4500-O B.3				
If samples are collected, are samples analyzed immediately (unless known to lack iodine demand)?	4500-O G.1.c, 4500-O B.4				
Is the membrane changed frequently?	4500-O G.1.b				
Does the analyst take care in changing the membrane to avoid contamination of the sensing element and also trapping of minute air bubbles under the membrane?	4500-O G.3.b				
Is the meter calibrated frequently, following manufacturer's calibration procedure exactly?	4500-O G.1.b 4500-O G.3.a				
Is there sufficient sample flow across the membrane surface to overcome erratic response?	4500-O G.3.b				
Does the analyst follow all precautions recommended by the manufacturer to ensure acceptable results? (This could include factors such as meter stabilization, electrode storage, and type of electrode filling solution used.)	4500-O G.3.b				
Notes/ Comments:					